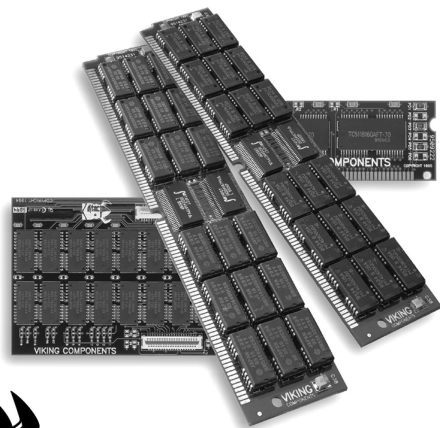


Viking Memory

INSTALLATION GUIDE

168 Pin DIMM



Manual No. 1005169 • Release 10/97, Rev. A

SPEED POWER PERFORMANCE

168 Pin DIMM Memory Module

Due to the number of systems that use 168 pin DIMMs, please refer your system's "Owner's Manual" or your Viking Components Authorized Dealer for its proper configuration.



Caution:

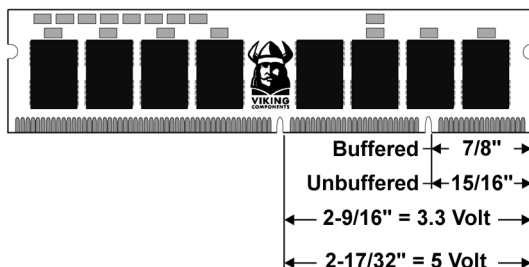
Electro Static Discharge (ESD) can damage electronic components. Before touching the memory module, ensure that you are discharged of static electricity by touching a grounded metal object.



Caution:

The use of the incorrect voltage of DIMM can cause irreparable damage to the memory module and/or the system.

To properly identify the DIMM you have just purchased to ensure it is compatible with your system, please use the following DIMM identification diagram. Note that there are two notches at the base of the module. The notch closest to the side of the DIMM will be the "Buffered or Unbuffered" notch. The notch towards the center of the base is the "Voltage" notch. The beginning of an "Buffered" notch is 7/8" from the side of the module. The beginning of an "Unbuffered" notch is 15/16" from the side of the module. The beginning of a "3.3 Volt" notch is 2-9/16" from the same side of the module. The beginning of a "5 Volt" notch is 2-17/32" from the same side of the module.

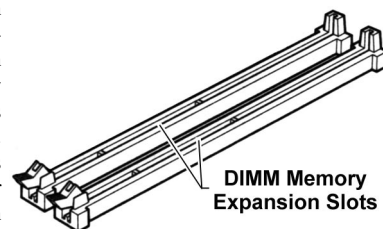


INSTALLATION INSTRUCTIONS:

NOTE: All pictures regarding location are for example only and may not reflect your system.

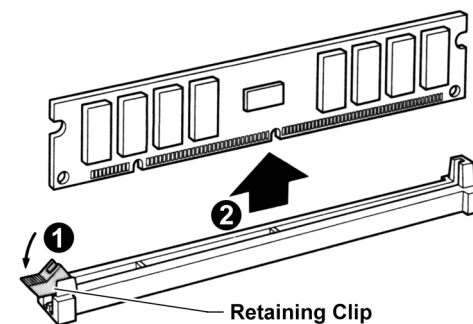
1. Shut down your system and all other connected peripherals. Remove the power cable and all other cables from the rear of the computer.
2. Remove your computer's cover from its chassis and perform the necessary procedures to gain access to the memory expansion slots. If you are not familiar with these procedures, please refer to your system's "Owner's Manual."

3. Locate the memory expansion slots on the system board. The number of expansion slots, their location and the order in which the memory modules are placed into the slots vary from machine to machine. Please refer to your system's "Owner's Manual" for the proper location of the slots and the order in which they are upgraded.



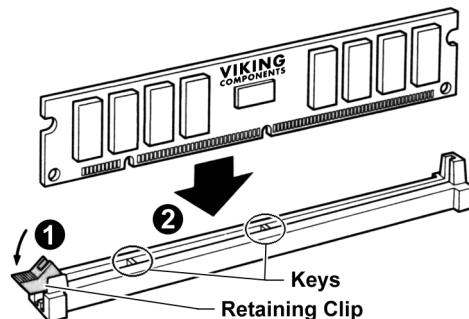
NOTE: For optimum performance, some systems may require interleaving of the memory modules. If you are not familiar with this procedure, please refer to your system's "Owner's Manual."

4. In order to upgrade your system's memory to the maximum, some memory modules may need to be removed. If you are not removing an memory module,



please proceed to step 5. To remove a memory module, push down the retaining clip on the expansion slot. Some expansion slots may have clips on both sides of the slot, so they will need to be pushed down at the same time. Then lift the memory module out of its slot.

5. To install the new memory module, open the retaining clip or clips on the expansion slot that you will be upgrading in. Then align the double notches on the modules with the double keys on the memory expansion slot. Push the module straight down into its expansion slot until you hear it click into place and the retaining clip or clips returns to their upright positions. The module can only be placed in the expansion slot one way, due to the position of the notches.



6. Replace anything you may have removed to access the memory expansion slots.
7. Reconnect the power cable and any other cables that you may have removed.
8. Turn on any connected peripherals and then turn on your computer. Most systems will automatically reconfigure themselves to recognize the newly added memory. The new memory can be verified in most systems during the POST routine at startup and at the SETUP utility. Some systems may differ from the above verification procedure, so please refer to your system's "Owner's Manual" for detailed instructions.

The installation is now complete.

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